



SEQUENCE LISTING

<110> GENENTECH INC.
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Mikayama, Toshifumi

<120> SOLUBLE MAST CELL FUNCTION ASSOCIATED ANTIGEN (MAFA) PHARMACEUTICAL COMPOSITIONS AND METHODS OF MAKING AND USING THEM

<130> 021286/0278719

<140> 09/811,367
<141> 2001-03-16

<150> 60/190,716
<151> 2000-03-17

<160> 20

<170> PatentIn version 3.0

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<212> PRT
<213> Homo sapiens

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Val Leu Leu Ser Val Leu Leu Tyr Gln Trp Ile Leu Cys Gln Gly Ser
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Asn Tyr Ser Thr Cys Ala Ser Cys Pro Ser Cys Pro Asp Arg Trp Met
65 70 75 80

Lys Tyr Gly Asn His Cys Tyr Tyr Phe Ser Val Glu Glu Lys Asp Trp
85 90 95

Asn Ser Ser Leu Glu Phe Cys Leu Ala Arg Asp Ser His Leu Leu Val
100 105 110

Ile Thr Asp Asn Gln Glu Met Ser Leu Leu Gln Val Phe Leu Ser Glu
115 120 125

Ala Phe Cys Trp Ile Gly Leu Arg Asn Asn Ser Gly Trp Arg Trp Glu
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Asp Gly Ser Pro Leu Asn Phe Ser Arg Ile Ser Ser Asn Ser Phe Val
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Pro His Leu Ser Arg Phe Ala Met Val Ala Leu Gly Leu Leu Thr Val
 35 40 45

Ile Leu Met Ser Leu Leu Met Tyr Gln Arg Ile Leu Cys Cys Gly Ser
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Lys Asp Ser Thr Cys Ser His Cys Pro Ser Cys Pro Ile Leu Trp Thr
 65 70 75 80

Arg Asn Gly Ser His Cys Tyr Tyr Phe Ser Met Glu Lys Lys Asp Trp
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Asn Ser Ser Leu Lys Phe Cys Ala Asp Lys Gly Ser His Leu Leu Thr
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Phe Pro Asp Asn Gln Gly Val Lys Leu Phe Gly Glu Tyr Leu Gly Gln
 115 120 125

Asp Phe Tyr Trp Ile Gly Leu Arg Asn Ile Asp Gly Trp Arg Trp Glu
 130 135 140

Gly Gly Pro Ala Leu Ser Leu Arg Ile Leu Thr Asn Ser Leu Ile Gln
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Arg Cys Gly Ala Ile His Arg Asn Gly Leu Gln Ala Ser Ser Cys Glu
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Pro Cys Val Ser Tyr Leu Val Met Val Ala Leu Gly Leu Leu Thr Val	
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Lys Gly Phe Met Cys Ser Gln Cys Ser Arg Cys Pro Asn Leu Trp Met	
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Arg Asn Gly Ser His Cys Tyr Tyr Phe Ser Met Glu Lys Arg Asp Trp	
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Asn Ser Ser Leu Lys Phe Cys Ala Asp Lys Gly Ser His Leu Leu Thr	
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